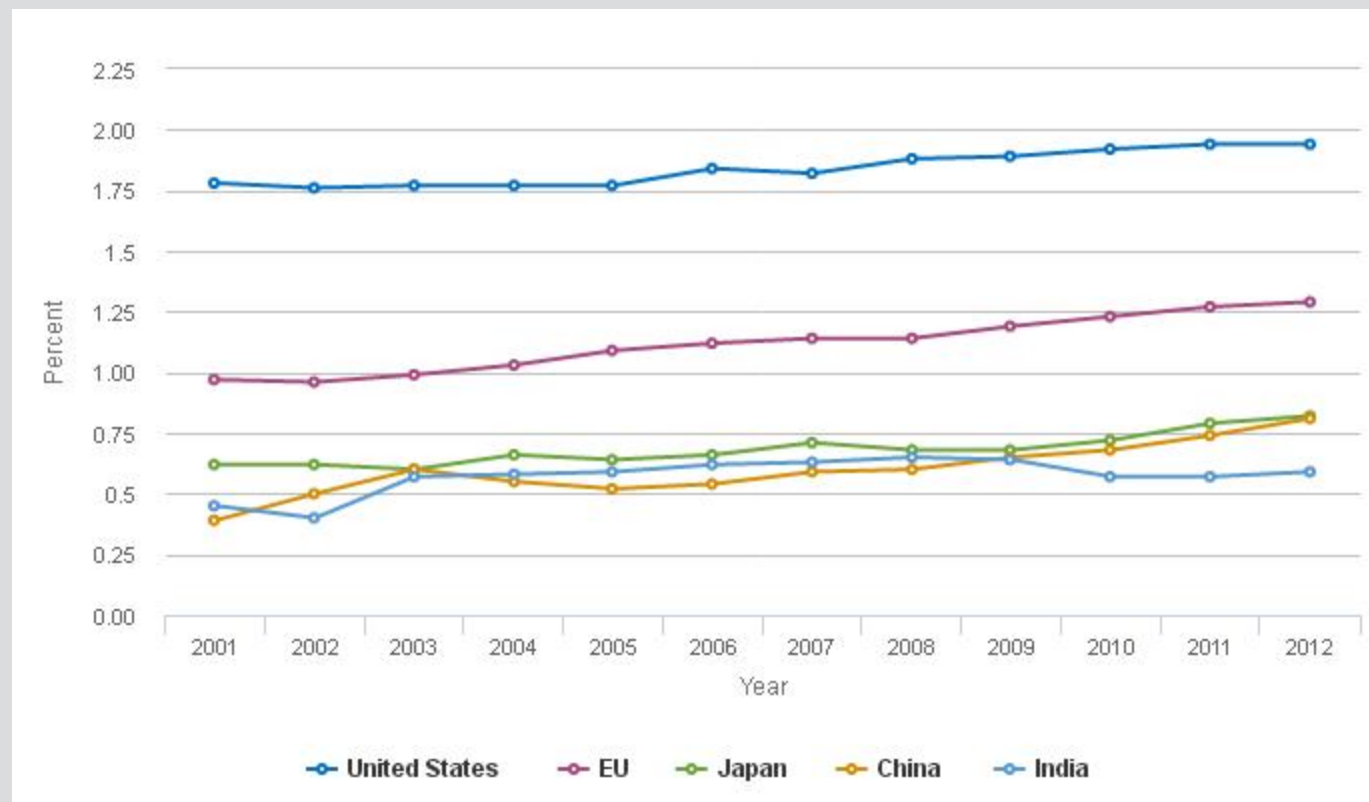


Figure O-12
Share of U.S., EU, Japan, China, and India S&E articles that are in the world's top 1% of cited articles: 2001–12


EU = European Union.

NOTES: The figure depicts the share of publications that are in the top 1% of the world's citations, relative to all the country's publications in that period and field. It is computed as follows: $S_x = HCP_x/P_x$, where S_x is the share of output from country x in the top 1% most-cited articles; HCP_x is the number of articles from country x that are among the top 1% most-cited articles in the world; and P_x is the total number of papers from country x in the database that were published in 2012 or earlier. Citations are presented for the year of publication, showing the counts of subsequent citations from peer-reviewed literature. At least 3 years of data following publication are needed for a meaningful measure. Publications that cannot be classified by country or field are excluded. Articles are classified by the publication year and assigned to a country/economy on the basis of the institutional address(es) listed in the article. See appendix table 5-25 for countries/economies included in the EU. The world average stands at 1.00% for each period and field.

SOURCES: National Science Foundation, National Center for Science and Engineering Statistics; SRI International; Science-Metrix; Elsevier, Scopus abstract and citation database (www.scopus.com).

Science and Engineering Indicators 2016